

Table ENG-6. - Sanitary Facilities

Caroline County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:							
Altavista	90	Very limited Depth to saturated zone Flooding	1.00 0.20	Very limited Depth to saturated zone Flooding	1.00 0.20	Somewhat limited Depth to saturated zone	0.86
Chewacla	3	Not Rated		Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated		Not Rated	
Chastain	2	Not Rated		Not Rated		Not Rated	
Riverview	1	Not Rated		Not Rated		Not Rated	
Tomotley	1	Not Rated		Not Rated		Not Rated	
1B:							
Altavista	90	Very limited Depth to saturated zone Flooding	1.00 0.20	Very limited Depth to saturated zone Flooding	1.00 0.20	Somewhat limited Depth to saturated zone	0.86
Chastain	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
Riverview	2	Not Rated		Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated		Not Rated	
2B:							
Appling	80	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Emporia	10	Not Rated		Not Rated		Not Rated	
Helena	10	Not Rated		Not Rated		Not Rated	
2C:							
Appling	90	Very limited Seepage Too clayey Slope	1.00 0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Emporia	6	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
2C:							
Helena	4	Not Rated		Not Rated		Not Rated	
3A:							
Bama	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Emporia	6	Not Rated		Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated		Not Rated	
3B:							
Bama	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Emporia	6	Not Rated		Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated		Not Rated	
4A:							
Bibb	70	Very limited Flooding Depth to saturated zone Too Sandy	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Too Sandy	1.00 1.00
Chastain	15	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Too clayey	1.00 1.00 1.00
Chewacla	5	Not Rated		Not Rated		Not Rated	
fine loamy poorly drained soils	4	Not Rated		Not Rated		Not Rated	
ponded soils	3	Not Rated		Not Rated		Not Rated	
very poorly drained muck soils	3	Not Rated		Not Rated		Not Rated	
5B:							
Bojac	85	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Flooding	1.00 1.00 0.20	Very limited Seepage Too Sandy	1.00 0.50
Altavista	5	Not Rated		Not Rated		Not Rated	
Chewacla	4	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5B:							
Riverview	3	Not Rated		Not Rated		Not Rated	
Tarboro	3	Not Rated		Not Rated		Not Rated	
6B:							
Cecil	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Emporia	5	Not Rated		Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated		Not Rated	
7A:							
Chastain	95	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Flooding Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Seepage	1.00 1.00 1.00
Roanoke	2	Not Rated		Not Rated		Not Rated	
Rappahannock	1	Not Rated		Not Rated		Not Rated	
Riverview	1	Not Rated		Not Rated		Not Rated	
Tomotley	1	Not Rated		Not Rated		Not Rated	
8A:							
Chewacla	75	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.50
Altavista	5	Not Rated		Not Rated		Not Rated	
Bojac	4	Not Rated		Not Rated		Not Rated	
Chastain	4	Not Rated		Not Rated		Not Rated	
Riverview	4	Not Rated		Not Rated		Not Rated	
Roanoke	4	Not Rated		Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated		Not Rated	
Rappahannock	1	Not Rated		Not Rated		Not Rated	

9C:

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9C:							
Helena	65	Very limited		Somewhat limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	0.78	Too clayey	1.00
		Too clayey	1.00	Slope	0.04	Depth to saturated zone	0.87
		Seepage	1.00			Slope	0.04
Appling	20	Very limited		Somewhat limited		Somewhat limited	
		Seepage	1.00	Slope	0.37	Too clayey	0.50
		Too clayey	0.50			Hard to compact	0.50
		Slope	0.37			Slope	0.37
Emporia	6	Not Rated		Not Rated		Not Rated	
somewhat poorly drained to poorly drained, fine loamy to cla	5	Not Rated		Not Rated		Not Rated	
well drained clayey soils	4	Not Rated		Not Rated		Not Rated	
10E:							
Kempsville	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Too clayey	0.50	Seepage	1.00	Seepage	0.50
						Too clayey	0.50
Emporia	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	0.98		
Remlik	20	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Seepage	0.21
		Seepage	1.00	Seepage	1.00		
Chastain	3	Not Rated		Not Rated		Not Rated	
Bibb	2	Not Rated		Not Rated		Not Rated	
11A:							
Kempsville	70	Somewhat limited		Very limited		Somewhat limited	
		Too clayey	0.50	Seepage	1.00	Seepage	0.50
						Too clayey	0.50
Emporia	30	Somewhat limited		Somewhat limited		Not limited	
		Depth to saturated zone	0.98	Depth to saturated zone	0.98		

11B:

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11B:							
Kempsville	60	Somewhat limited Too clayey	0.50	Very limited Seepage	1.00	Somewhat limited Seepage Too clayey	0.50 0.50
Emporia	35	Somewhat limited Depth to saturated zone	0.98	Somewhat limited Depth to saturated zone	0.98	Not limited	
Roanoke	3	Not Rated		Not Rated		Not Rated	
11C:							
Kempsville	65	Somewhat limited Too clayey	0.50	Very limited Seepage	1.00	Somewhat limited Seepage Too clayey	0.50 0.50
Emporia	30	Somewhat limited Depth to saturated zone	0.98	Somewhat limited Depth to saturated zone	0.98	Not limited	
Roanoke	3	Not Rated		Not Rated		Not Rated	
12A:							
Myatt	85	Very limited Depth to saturated zone Flooding	1.00 0.40	Very limited Depth to saturated zone Flooding	1.00 0.40	Very limited Depth to saturated zone	1.00
Slagle	10	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Depth to saturated zone	1.00	Not limited	
Emporia	3	Not Rated		Not Rated		Not Rated	
Kempsville	2	Not Rated		Not Rated		Not Rated	
13E:							
Nevarc	85	Very limited Slope Too clayey Seepage	1.00 1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.44	Very limited Slope Too clayey Depth to saturated zone	1.00 1.00 0.68
Remilik	7	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
14:							
Pits, gravel	85	Not Rated		Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14:							
Emporia	3	Not Rated		Not Rated		Not Rated	
Kempsville	3	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
Udorthents	3	Not Rated		Not Rated		Not Rated	
15A:							
Rappahannock	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Sodium content	1.00
Chastain	5	Not Rated		Not Rated		Not Rated	
Chewacla	5	Not Rated		Not Rated		Not Rated	
Riverview	5	Not Rated		Not Rated		Not Rated	
16B:							
Remlik	95	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	0.21
		Seepage	1.00	Seepage	1.00		
Emporia	3	Not Rated		Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated		Not Rated	
16C:							
Remlik	95	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Slope	0.37
		Seepage	1.00	Seepage	1.00	Seepage	0.21
		Slope	0.37	Slope	0.37		
Emporia	2	Not Rated		Not Rated		Not Rated	
Slagle	1	Not Rated		Not Rated		Not Rated	
16E:							
Remlik	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Seepage	0.21
		Seepage	1.00	Seepage	1.00		
Emporia	4	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16E:							
Nevarc	4	Not Rated		Not Rated		Not Rated	
17D:							
Rion	95	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Seepage	1.00	Seepage	1.00	Seepage	0.50
						Too clayey	0.50
Helena	2	Not Rated		Not Rated		Not Rated	
Wateree	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	1	Not Rated		Not Rated		Not Rated	
18A:							
Riverview	80	Very limited		Very limited		Not limited	
		Flooding	1.00	Flooding	1.00		
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
		Seepage	1.00				
Altavista	4	Not Rated		Not Rated		Not Rated	
Bojac	4	Not Rated		Not Rated		Not Rated	
Chastain	4	Not Rated		Not Rated		Not Rated	
Chewacla	4	Not Rated		Not Rated		Not Rated	
State	3	Not Rated		Not Rated		Not Rated	
Rappahannock	1	Not Rated		Not Rated		Not Rated	
19A:							
Roanoke	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00	Ponding	1.00	Ponding	1.00
Altavista	5	Not Rated		Not Rated		Not Rated	
Chastain	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	
20B:							
Rumford	95	Very limited		Very limited		Somewhat limited	
		Seepage	1.00	Seepage	1.00	Seepage	0.50

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20B:							
Emporia	2	Not Rated		Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated		Not Rated	
20C:							
Rumford	95	Very limited Seepage	1.00	Very limited Seepage	1.00	Somewhat limited Seepage	0.50
Emporia	3	Not Rated		Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated		Not Rated	
20D:							
Rumford	90	Very limited Seepage Slope	1.00 0.84	Very limited Seepage Slope	1.00 0.84	Somewhat limited Slope Seepage	0.84 0.50
Emporia	3	Not Rated		Not Rated		Not Rated	
Nevarc	3	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
21C:							
Slagle	55	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.04	Very limited Depth to saturated zone Slope	1.00 0.04	Somewhat limited Slope	0.04
Kempsville	30	Somewhat limited Too clayey Slope	0.50 0.04	Very limited Seepage Slope	1.00 0.04	Somewhat limited Seepage Too clayey Slope	0.50 0.50 0.04
excessivley drained sandy soils	6	Not Rated		Not Rated		Not Rated	
moderately well drained coarse loamy soils	6	Not Rated		Not Rated		Not Rated	
22A:							
Slagle	90	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Depth to saturated zone	1.00	Not limited	
Myatt	2	Not Rated		Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22A:							
Rumford	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Bama	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
22B:							
Slagle	95	Very limited		Very limited		Not limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
		Seepage	1.00				
Bama	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Myatt	1	Not Rated		Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated		Not Rated	
23A:							
State	90	Very limited		Very limited		Not limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
		Seepage	1.00	Flooding	0.20		
		Flooding	0.20				
Chewacla	4	Not Rated		Not Rated		Not Rated	
Tarboro	4	Not Rated		Not Rated		Not Rated	
23B:							
State	90	Very limited		Very limited		Not limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
		Seepage	1.00	Flooding	0.20		
		Flooding	0.20				
Chewacla	4	Not Rated		Not Rated		Not Rated	
Riverview	3	Not Rated		Not Rated		Not Rated	
Tarboro	3	Not Rated		Not Rated		Not Rated	
23C:							

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23C:							
State	90	Very limited		Very limited		Not limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
		Seepage	1.00	Flooding	0.20		
		Flooding	0.20				
Tarboro	8	Not Rated		Not Rated		Not Rated	
24A:							
Suffolk	95	Very limited		Very limited		Not limited	
		Seepage	1.00	Seepage	1.00		
Emporia	5	Not Rated		Not Rated		Not Rated	
24B:							
Suffolk	95	Very limited		Very limited		Not limited	
		Seepage	1.00	Seepage	1.00		
Emporia	5	Not Rated		Not Rated		Not Rated	
25B:							
Tarboro	60	Very limited		Very limited		Very limited	
		Seepage	1.00	Seepage	1.00	Too Sandy	1.00
		Too Sandy	1.00	Flooding	0.20	Seepage	1.00
		Flooding	0.20				
Bojac	35	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00	Too Sandy	0.50
		Too Sandy	1.00	Flooding	0.20		
Altavista	2	Not Rated		Not Rated		Not Rated	
26A:							
Tomotley	55	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Seepage	1.00	Flooding	0.40	Too clayey	0.50
		Too clayey	0.50				
Roanoke	30	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00	Flooding	0.40	Too clayey	1.00
		Seepage	1.00				
Altavista	3	Not Rated		Not Rated		Not Rated	
Riverview	3	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26A:							
Bojac	2	Not Rated		Not Rated		Not Rated	
Chastain	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
State	2	Not Rated		Not Rated		Not Rated	
27C:							
Udorthents	85	Not Rated		Not Rated		Not Rated	
Bibb	5	Not Rated		Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated		Not Rated	
28A:							
Wehadkee	85	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
Riverview	7	Not Rated		Not Rated		Not Rated	
Helena	6	Not Rated		Not Rated		Not Rated	
29A:							
Wickham	95	Very limited Seepage Flooding	1.00 0.20	Somewhat limited Flooding	0.20	Not limited	
Altavista	5	Not Rated		Not Rated		Not Rated	
29B:							
Wickham	95	Very limited Seepage Flooding	1.00 0.20	Somewhat limited Flooding	0.20	Not limited	
somewhat poorly drained soils	5	Not Rated		Not Rated		Not Rated	
30E:							
Wateree	75	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Rock outcrop	15	Not Rated		Not Rated		Not Rated	
Rion	10	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Caroline County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
W: Water	100	Not Rated		Not Rated		Not Rated	